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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,146	01/14/2002	Sung Gue Lee	0630-1402P	6825
2292	7590	01/21/2005	EXAMINER	
BIRCH STEWART KOLASCH & BIRCH				NGUYEN, DONGHAI D
PO BOX 747				ART UNIT
FALLS CHURCH, VA 22040-0747				PAPER NUMBER
				3729

DATE MAILED: 01/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

S/N

Advisory Action	Application No.	Applicant(s)
	10/043,146	LEE ET AL.
	Examiner	Art Unit
	Donghai D. Nguyen	3729

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 11 January 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) The period for reply expires 3 months from the mailing date of the final rejection.
- b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Page.

3. Applicant's reply has overcome the following rejection(s): _____.
4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: None.

Claim(s) objected to: 28-33.

Claim(s) rejected: 28-33, 51-53 and 55-58.

Claim(s) withdrawn from consideration: None.

8. The drawing correction filed on _____ is a) approved or b) disapproved by the Examiner.

9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s). _____.

10. Other: See Continuation Sheet



A. DEXTER TUGBANG
PRIMARY EXAMINER

Continuation of Item 2 NOTE: In the proposed After Final Amendment filed on January 11, 2005 Applicants' amended subject matter adding new limitations such as "a circuit pattern ... in the circuit board" (Claims 28, lines 5-6) and/or "squeegee being ... circuit board" (Claims 28, lines 9-10 and/or Claim 61, lines 8-9) and/or "insulating resin ... the via holes" (Claim 53, lines 2-4), raise new issues narrowing the scope of the claims that would require further consideration and/or search. Regarding Applicants argue that the last Office Action was prematurely made final. The Examiner respectfully disagrees. Since the last Office Action maintained the same rejection (i.e. using the same references) as applied in the First Office Action mailed on 03/01/2004, therefor the last Office Action is properly made final. The Examiner has a typographical error in using the wrong paragraph to indicate the last Office Action was made final by a new grounds of rejection, as necessitated by Applicants' amendment.

Continuation of 10. Other: with respect to 09/823,122, this is not a co-pending application and does not appear to even be related to the present invention. This serial number appears to be incorrect. The Applicant is requested to provide the correct serial number to accurately reflect, on the record, which copending application was considered. It is noted that the copending application filed on the IDS of 4/30/03 (no serial number listed) was carefully review and fully considered by the Examiner.